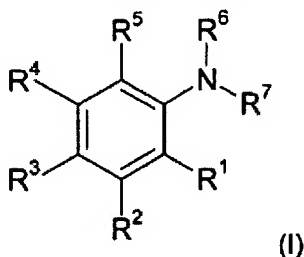


Amendments to the Claims:

Please amend the claims as follows:

What is claimed is:

1. (Currently Amended) A compound of formula (I):



including salts, solvates, and physiologically functional derivatives thereof, wherein
 R^1 is H, cyano, nitro, halogen, C_1-C_6 haloalkyl, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, hydroxy, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, $-OC(O)R^8$, or aryl;
 R^2 is H, cyano, nitro, halogen, C_1-C_6 haloalkyl, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, hydroxy, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, $-OC(O)R^8$, or aryl;
 R^3 is cyano, nitro, halogen, C_1-C_6 haloalkyl, 3-10 membered heterocyclyl, hydroxy, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, $-OC(O)R^8$, $-C(O)_2R^8$, $-CONHR^8$, $-C(O)R^8$, $-S(O)_nR^8$, $-SO_2N(R^8)_2$, $-NHC(O)R^8$, or $-NHSO_2R^8$;
 R^4 is H, cyano, nitro, halogen, C_1-C_6 haloalkyl, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, hydroxy, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, $-OC(O)R^8$, or aryl;
 R^5 is H, cyano, nitro, halogen, C_1-C_6 haloalkyl, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, hydroxy, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, $-OC(O)R^8$, or aryl;
where at least one of R^1 , R^2 , R^4 , and R^5 is not H;
each of R^6 and R^7 independently are selected from H or $-(R^8)_x-R^9$;
 R^8 is a C_1-C_8 alkylene chain, where x is 0 or 1;
each R^8 independently is H, C_1-C_8 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_8 cycloalkyl, 3-10 membered heterocyclyl, aryl, aralkyl, heteroaryl, or heteroaralkyl;
 R^9 is C_1-C_8 alkyl, C_1-C_6 haloalkyl, hydroxyalkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkoxy, C_3-C_8 cycloalkyl, formyl, azido, or $-NR^{10}R^{11}$;
 R^{10} and R^{11} each independently are H, C_1-C_8 alkyl, $-C(O)H$, $-C(O)R^{12}$, $-C(O)OR^{12}$, or $-SO_2R^{12}$; and R^{12} is C_1-C_6 alkyl.

2. (Original) The compound of claim 1 wherein R¹, R⁵, or both are H.
3. (Original) The compound of claim 1 wherein R², R⁴, or both are H.
4. (Cancelled)
5. (Previously Presented) The compound of claim 4 wherein alkyl is C₁-C₃ alkyl.
6. (Cancelled)
7. (Previously Presented) The compound of claim 1 wherein C₁-C₆ alkoxy is C₁-C₂ alkoxy.
8. (Cancelled)
9. (Currently Amended) The compound of claim 18 wherein C₁-C₆ haloalkyl is trifluoromethyl or trifluoroethyl.
10. (Cancelled)
11. (Currently Amended) The compound of claim 140 wherein alkenyl is isopropenyl, isobutenyl, or allyl.
12. (Cancelled)
13. (Currently Amended) The compound of claim 142 wherein alkynyl is propynyl.
14. (Cancelled)
15. (Currently Amended) The compound of claim 144 wherein cycloalkyl is cyclopropyl, cyclopentyl, or cyclohexyl.
16. (Currently Amended) The compound of claim 1 wherein R¹ or R⁵ is nitro, C₁-C₈ alkyl, C₁-C₆ haloalkyl, or halogen.

17. (Currently Amended) The compound of claim 1 wherein R² or R⁴ is nitro, cyano, C₁-C₈ alkyl, C₁-C₈ haloalkyl, halogen, or hydroxy.
18. (Original) The compound of claim 1 wherein R³ is cyano, nitro, or halogen.
19. (Currently Amended) The compound of claim 18 wherein one or more of R¹, R², R⁴, or R⁵ is C₁-C₈ haloalkyl.
20. (Currently Amended) The compound of claim 19 wherein R² or R⁴ is C₁-C₈ haloalkyl.
21. (Original) The compound of claim 18 wherein one or more of R¹, R², R⁴, or R⁵ is halogen.
22. (Original) The compound of claim 21 wherein R² or R⁴ is halogen.
23. (Original) The compound of claim 22 wherein halogen is chloro.
24. (Original) The compound of claim 18 wherein when R³ is cyano, one or more of R¹, R², R⁴, or R⁵ is nitro.
25. (Original) The compound of claim 18 wherein when R³ is nitro, one or more of R¹, R², R⁴, or R⁵ is cyano.
26. (Original) The compound of claim 18 wherein R³ is cyano and one of R² or R⁴ is cyano.
27. (Currently Amended) The compound of claim 1 wherein R⁰ is a substituted alkylene, substituted with one or more of C₁-C₈ alkyl, C₂-C₈ alkenyl, or hydroxyl.
28. (Original) The compound of claim 27 wherein R⁰ is methylene.
29. (Original) A compound selected from:
4-[(Cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile

4-[(cyclopropylmethyl)(propyl)amino]-2-nitrobenzonitrile
4-(diallylamino)-2-(trifluoromethyl)benzonitrile
5-[allyl(cyclopentyl)amino]-2-nitrobenzonitrile
4-[butyl(propyl)amino]-2-nitrobenzonitrile
4-[ethyl(2-methyl-2-propenyl)amino]-2-nitrobenzonitrile
4-[butyl(ethyl)amino]-2-(trifluoromethyl)benzonitrile
4-(dipropylamino)-2-(trifluoromethyl)benzonitrile
N-butyl-N-ethyl-3-methyl-4-nitroaniline
5-(diallylamino)-2-nitrobenzonitrile
5-[(cyclopropylmethyl)(propyl)amino]-2-nitrobenzonitrile
4-(diallylamino)-2-nitrobenzonitrile
3-methyl-4-nitro-N,N-dipropylaniline
4-[sec-butyl(propyl)amino]-2-nitrobenzonitrile
5-[butyl(ethyl)amino]-2-nitrobenzonitrile
2-chloro-4-[(cyclopropylmethyl)(propyl)amino]benzonitrile
5-[butyl(propyl)amino]-2-nitrobenzonitrile
5-[(2-methoxyethyl)(methyl)amino]-2-nitrobenzonitrile
2-chloro-4-(diallylamino)benzonitrile
4-[(2-methoxyethyl)(propyl)amino]-2-nitrobenzonitrile
4-[allyl(cyclopentyl)amino]-2-nitrobenzonitrile
4-[ethyl(2-methyl-2-propenyl)amino]-2-(trifluoromethyl)benzonitrile
2-chloro-4-[[2-(dimethylamino)ethyl](methyl)amino]benzonitrile
N-(2-methoxyethyl)-N,2-dimethyl-4-nitroaniline
N-allyl-N-cyclopentyl-4-nitro-3-(trifluoromethyl)aniline
5-(dipropylamino)-2-nitrophenol
2-chloro-4-(dipropylamino)benzonitrile
5-[ethyl(2-methyl-2-propenyl)amino]-2-nitrobenzonitrile
N,N-diallyl-4-nitro-3-(trifluoromethyl)aniline
N,N-diallyl-2-methyl-4-nitroaniline
5-[(cyclopropylmethyl)(propyl)amino]-2-nitrophenol
N-(2-methoxyethyl)-3-methyl-4-nitro-N-propylaniline
4-[butyl(propyl)amino]-2-chlorobenzonitrile
N-butyl-2-chloro-N-methyl-4-nitroaniline
4-(dipropylamino)-2-nitrobenzonitrile

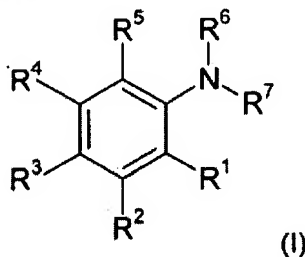
2-chloro-4-[(2-methoxyethyl)(propyl)amino]benzonitrile
N,N-diallyl-3-methyl-4-nitroaniline
N-(sec-butyl)-4-nitro-N-propyl-3-(trifluoromethyl)aniline
4-(dipentylamino)-2-nitrobenzonitrile
N-(cyclopropylmethyl)-3-methyl-4-nitro-N-propylaniline
5-(dipropylamino)-2-nitrobenzonitrile
N,N-dibutyl-4-nitro-3-(trifluoromethyl)aniline
N1-(2-chloro-4-nitrophenyl)-N1,N2,N2-trimethyl-1,2-ethanediamine
5-[sec-butyl(propyl)amino]-2-nitrobenzonitrile
N-ethyl-N-(2-methyl-2-propenyl)-4-nitro-3-(trifluoromethyl)aniline
N-(2-methoxyethyl)-4-nitro-N-propyl-3-(trifluoromethyl)aniline
4-[butyl(ethyl)amino]-2-chlorobenzonitrile
5-(dibutylamino)-2-nitrobenzonitrile
4-[butyl(ethyl)amino]-2-nitrobenzonitrile
4-[(2-methoxyethyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile
5-[(2-methoxyethyl)(propyl)amino]-2-nitrobenzonitrile
4-[allyl(cyclopentyl)amino]-2-(trifluoromethyl)benzonitrile
4-[butyl(propyl)amino]-2-(trifluoromethyl)benzonitrile
N,N-dibutyl-3-methyl-4-nitroaniline
4-[methyl(octyl)amino]-2-nitrobenzonitrile
4-(dibutylamino)-2-(trifluoromethyl)benzonitrile
N-(cyclopropylmethyl)-4-nitro-N-propyl-2-(trifluoromethyl)aniline
N-allyl-N-cyclohexyl-4-nitro-3-(trifluoromethyl)aniline
4-[(2-methoxyethyl)(methyl)amino]-3-(trifluoromethyl)benzonitrile
4-(diallylamino)-3-nitrobenzonitrile
N-1-(2-chloro-4-nitrophenyl)-N1,N3,N3-trimethyl-1,3-propanediamine
N,N-bis(2-methoxyethyl)-4-nitro-3-(trifluoromethyl)aniline
4-[sec-butyl(propyl)amino]-2-(trifluoromethyl)benzonitrile
2-chloro-4-[ethyl(2-methyl-2-propenyl)amino]benzonitrile
N-cyclohexyl-N-ethyl-4-nitro-3-(trifluoromethyl)aniline
2-chloro-4-(dibutylamino)benzonitrile
4-[cyclohexyl(ethyl)amino]-2-nitrobenzonitrile
4-[bis(2-ethoxyethyl)amino]-3-chlorobenzonitrile
2-chloro-N-(2-methoxyethyl)-N-methyl-4-nitroaniline

N-butyl-N-ethyl-4-nitro-3-(trifluoromethyl)aniline
N-(sec-butyl)-3-methyl-4-nitro-N-propylaniline
N-(2-methoxyethyl)-N-methyl-4-nitro-2-(trifluoromethyl)aniline
4-[bis[3-(dimethylamino)propyl]amino]-2-(trifluoromethyl)benzonitrile
N-(cyclopropylmethyl)-4-nitro-N-propyl-3-(trifluoromethyl)aniline
4-[(methyl)(octyl)amino]-2-(trifluoromethyl)benzonitrile
4-(propylamino)-2-(trifluoromethyl)benzonitrile
4-nitro-N-propyl-3-(trifluoromethyl)aniline
3-[[4-nitro-3-(trifluoromethyl)phenyl]amino]propan-1-ol
4-[(3-hydroxypropyl)amino]-2-(trifluoromethyl)benzonitrile
4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-(trifluoromethyl)benzonitrile
4-(dimethylamino)-2-(trifluoromethyl)benzonitrile
4-(diethylamino)-2-(trifluoromethyl)benzonitrile
4-[methyl(2-methylpropyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(cyclopropylmethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(cyclopropylmethyl)(3-hydroxypropyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(cyclopropylmethyl)(2-hydroxyethyl)amino]-2-(trifluoromethyl)benzonitrile
N-(cyclopropylmethyl)-4-nitro-3-(trifluoromethyl)aniline
3-[(cyclopropylmethyl)[4-nitro-3-(trifluoromethyl)phenyl]amino]-1-propanol
2-[(cyclopropylmethyl)[4-nitro-3-(trifluoromethyl)phenyl]amino]ethanol
4-[(cyclopropylmethyl)amino]-3-(trifluoromethyl)benzonitrile
1-[4-[(cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)phenyl]ethanone
4-[(1-cyclopropylethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[allyl(1-cyclopropylethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2-dimethylpropyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2-dimethylpropyl)(3-hydroxypropyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2-dimethylpropyl)(2-propen-1-yl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,3-dihydroxypropyl)(2,2-dimethylpropyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2-dimethylpropyl)(2-oxoethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2-dimethylpropyl)(2-hydroxyethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2-dimethylpropyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(1,1-dimethylethyl)amino]-2-(trifluoromethyl)benzonitrile
N-(1,1-dimethylethyl)-4-nitro-3-(trifluoromethyl)aniline
N-(cyclopropylmethyl)-N-(1,1-dimethylethyl)-4-nitro-3-(trifluoromethyl)aniline

4-[(1,1-dimethylethyl)(2-propen-1-yl)amino]-2-(trifluoromethyl)benzonitrile
4-[(1,1-dimethylethyl)(2-oxoethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(1,1-dimethylethyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(3-hydroxypropyl)((1S)-1-methylpropyl)amino]-2-(trifluoromethyl)benzonitrile
2-(trifluoromethyl)-4-[(3,3,3-trifluoropropyl)amino]benzonitrile
4-[bis(2-fluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-nitro-N-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)aniline
4-[(3-hydroxypropyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(3-hydroxypropyl)(2,2,2-trifluoroethyl)amino]-3-(trifluoromethyl)benzonitrile
4-bromo-N,N-bis(2,2,2-trifluoroethyl)-3-(trifluoromethyl)aniline
4-[bis(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2-difluoroethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
bis(2,2,2-trifluoroethyl)[2-(trifluoromethyl)-4-biphenyl]amine
4-[(2-hydroxyethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[[2-(methyloxy)ethyl](2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[[2-(ethyloxy)ethyl](2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2,2,2-trifluoroethyl){2-[(2,2,2-trifluoroethyl)oxy]ethyl}amino]-2-(trifluoromethyl)benzonitrile
4-[methyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[ethyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[propyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[butyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2-methylprop-2-enyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[isobutyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(3-methylbut-2-enyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[isopentyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[prop-2-ynyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2-fluoroethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[[2-(methylthio)ethyl](2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
4-[(2-azidoethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile
N-{2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethyl} acetamide
methyl 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethylcarbamate
tert-butyl 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethylcarbamate

N-{2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethyl}
methanesulfonamide; and
4-(dipropylamino)phthalonitrile.

30. (Currently Amended) A compound of formula (I):



including salts, solvates, and physiologically functional derivatives thereof, wherein
R¹ is H, cyano, nitro, halogen, C₁-C₈ haloalkyl, C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, hydroxy, C₁-C₈ alkoxy, C₁-C₈ haloalkoxy, -OC(O)R⁸, or aryl;
R² is H, cyano, nitro, halogen, C₁-C₈ haloalkyl, C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, hydroxy, C₁-C₈ alkoxy, C₁-C₈ haloalkoxy, -OC(O)R⁸, or aryl;
R³ is cyano, nitro, halogen, C₁-C₈ haloalkyl, 3-10 membered heterocyclyl, hydroxy, C₁-C₈ alkoxy, C₁-C₈ haloalkoxy, -OC(O)R⁸, -C(O)₂R⁸, -CONHR⁸, -C(O)R⁸, -S(O)_nR⁸, -SO₂N(R⁸)₂, -NHC(O)R⁸, or -NHSO₂R⁸;
R⁴ is H, cyano, nitro, halogen, C₁-C₈ haloalkyl, C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, hydroxy, C₁-C₈ alkoxy, C₁-C₈ haloalkoxy, -OC(O)R⁸, or aryl;
R⁵ is H, cyano, nitro, halogen, C₁-C₈ haloalkyl, C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, hydroxy, C₁-C₈ alkoxy, C₁-C₈ haloalkoxy, -OC(O)R⁸, or aryl;
each of R⁶ and R⁷ independently are selected from H or -(R^a)_x-R⁹;
R^a is a C₁-C₈ alkylene chain, where x is 0 or 1;
each R⁸ independently is H, C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, cycloalkyl, 3-10 membered heterocyclyl, aryl, aralkyl, heteroaryl, or heteroaralkyl;
R⁹ is C₁-C₈ alkyl, C₁-C₈ haloalkyl, hydroxyalkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, C₁-C₈ alkoxy, C₁-C₈ alkylthio, C₁-C₈ haloalkoxy, cycloalkyl, formyl, azido, or -NR¹⁰R¹¹;
R¹⁰ and R¹¹ each independently are H, C₁-C₈ alkyl, -C(O)H, -C(O)R¹², -C(O)OR¹², or -SO₂R¹²; and R¹² is C₁-C₈ alkyl.

31. (Original) The compound of claim 30 wherein each of R¹, R², R⁴, and R⁵ are H.

32. (Original) The compound of claim 30 wherein R³ is cyano or nitro.
33. (Original) The compound of claim 30 wherein the compound is:
N,N-diallyl-4-nitroaniline
N-(cyclopropylmethyl)-4-nitro-N-propylaniline
4-(dipropylamino)benzonitrile; or
4-nitro-N,N-dipropylaniline.
34. (Cancelled)
35. (Previously Presented) A pharmaceutical composition comprising a compound according to claim 1, and a pharmaceutically acceptable carrier.
- 36-41. (Cancelled)
42. (Withdrawn) A method for the treatment or prophylaxis of osteoporosis, muscle wasting, frailty, cardiovascular disease, breast cancer, uterine cancer, prostatic hyperplasia, prostate cancer, dyslipidemia, menopausal vasomotor conditions, urinary incontinence, arteriosclerosis, libido enhancement, depression, uterine fibroid disease, aortic smooth muscle cell proliferation, endometriosis, or ADAM comprising the administration of a compound according to claim 1.
43. (Previously Presented) A pharmaceutical composition comprising a compound according to claim 29, and a pharmaceutically acceptable carrier.
44. (Previously Presented) A pharmaceutical composition comprising a compound according to claim 30, and a pharmaceutically acceptable carrier.
45. (Withdrawn) A method for the treatment or prophylaxis of osteoporosis, muscle wasting, frailty, cardiovascular disease, breast cancer, uterine cancer, prostatic hyperplasia, prostate cancer, dyslipidemia, menopausal vasomotor conditions, urinary incontinence, arteriosclerosis, libido enhancement, depression, uterine fibroid disease, aortic smooth muscle cell proliferation, endometriosis, or ADAM comprising the administration of a compound according to claim 29.

46. (Withdrawn) A method for the treatment or prophylaxis of osteoporosis, muscle wasting, frailty, cardiovascular disease, breast cancer, uterine cancer, prostatic hyperplasia, prostate cancer, dyslipidemia, menopausal vasomotor conditions, urinary incontinence, arteriosclerosis, libido enhancement, depression, uterine fibroid disease, aortic smooth muscle cell proliferation, endometriosis, or ADAM comprising the administration of a compound according to claim 30.